

Compositions comprising (i) at least one anionic associative polymer comprising at least one carboxylic acid group and at least one ester derived from a fatty alcohol and a carboxylic acid; (ii) at least one additional anionic associative polymer comprising at least one carboxylic acid group and at least one ester derived from an alkoxylated fatty alcohol and a carboxylic acid; and (iii) at least one oxidizing agent, and processes using the same for providing physical stability to an oxidizing composition, and in hair treatment compositions.